

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE  
STATEMENT**

Docket Number:  
12013/59103

Application Number  
To Be Assigned

Filing Date  
Herewith

Examiner  
To Be Assigned

Art Unit  
To Be Assigned

Invention Title  
**COATING DISPENSING SYSTEM AND METHOD  
USING A SOLENOID HEAD FOR COATING MEDICAL  
DEVICES**

Inventor(s)  
**Sheng-ping ZHONG et al.**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SIR:

1. In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and in conformance with the procedures of 35 U.S.C. §§ 1.97 and 1.98 and M.P.E.P. § 609, attorneys for Applicants hereby bring the following references to the attention of the Examiner. These references are listed on the attached modified PTO Form No. 1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. The filing of this Information Disclosure Statement and the enclosed PTO Form No. 1449, shall not be construed as an admission that the information cited is prior art, or is considered to be material to patentability as defined in 37 C.F.R. § 1.56(b).
2. Copies of each of the cited references listed on the modified PTO form 1449 are not enclosed. Copies of each of the references were previously provided in the following parent applications: U.S. Patent Application Serial No. 10/045,492 filed on January 14, 2002 and U.S. Patent Application Serial No. 09/895,415 filed on July 2, 2001.

Dated: 12/15/03

By:

  
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO-1449</b>	<b>ATTY. DOCKET NO.</b> 12013/59103	<b>SERIAL NO.</b> To Be Assigned
	<b>APPLICANT</b> Sheng-ping ZHONG	
	<b>FILING DATE</b> Herewith	<b>GROUP</b> To Be Assigned

**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE*
	4,207,356	June 10, 1980	Waugh			
	4,743,252	May 10, 1998	Martin, Jr. et al.			
	5,059,266	October 22, 1991	Yamane et al.			
	5,104,400	April 14, 1992	Berguer et al.			
	5,804,083	September 8, 1998	Ishii et al.			
	5,935,331	August 10, 1999	Naka et al.			
	6,056,993	May 2, 2000	Leidner et al.			
	6,107,004	August 22, 2000	Donadio III			
	6,176,874	January 23, 2001	Vacanti et al.			
	6,193,923	February 27, 2001	Leyden et al.			
	6,395,326	May 28, 2002	Castro et al.			

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 01/91918	December 6, 2001	PCT				
	0 850 651	July 1, 1998	Europe				

# OTHER DOCUMENTS

AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.			
Examiner Initials *		Microdrop Brochure, "undated" "Microdosing of Liquids In The Piko-To Nanoliter-Range".	
		P. F. BLAZDELL, et al., "Application of a continuous ink jet printer to solid freeforming of ceramics" Journal of Materials Processing Technology 99, (2000) pp. 94-102.	
		Jin Hua SONG, et al., "Formulation and Multilayer Jet Printing of Ceramic Inks", Journal of the American Ceramic Society Incorporating Advanced Ceramic Materials and Communications, Vol. 82, No. 12, December 1999, pp. 3374-3380.	
		Matthew Mott, et al., "Microengineering of Ceramics by Direct Ink-Jet Printing", Journal of the American Ceramic Society Incorporating Advanced Ceramic Materials and Communications, Vol. 82, No. 7, July 1999, pp. 1653-1658.	
		M. J. WRIGHT, et al., "Ceramic Deposition using and Electromagnetic Jet Printer Station", Journal of Materials Science Letters 18, (1999), pp. 99-101.	
		D. A. GRIGORIEV, et al., "Preparation of Silicon Carbide by Electro spraying of a Polymeric Precursor", Vol. 81, No. 4, (2001), pp. 285-291.	
		P. MIAO, "Electrostatic Atomization of Ultra Fine Spray of Ceramic Solution", Institute of Physics Conference Series Number 163, Proceedings of the 10th International Conference, Cambridge 28-31, March 1999, pp. 119-122.	
		Kitty A. M. SEERDEN, et al., "Ink Jet Printing of Wax-Based Alumina Suspensions", Journal of the American Ceramic Society Incorporating Advanced Ceramic Materials and Communications, Vol. 84, No. 11, November 2001, pp. 2514-2520	
		J. R. G. EVANS, et al., "Combinatorial Searches of Inorganic Materials using the Ink-Jet Printer: Science, Philosophy and Technology", Journal of the European Ceramic Society, Vol. 21, No. 13, (2001), pp. 2291-2299.	
		P. F. BLAZDELL, et al., "Preparation of Ceramic Inks for Solid Freeforming Using a Continuous Jet Printer", Journal of Materials Synthesis and Processing, Vol. 7, No. 6, November 1999, pp. 349-356.	
		The Lee Company Electrofluidic System, "Micro-Dispense Valves", 7th Edition 2000, 7 sheets.	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	